

EAST SEARCH

5/31/2007

L#	Hits	Search String	Databases
S8	1	S7 and (throttle near2 setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S2	34	S1 and (turbocharger with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S9	1	S7 and (throttle with setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S10	4	S7 and (model\$3 with (turbocharger or (turbine near2 stage)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S7	113	S2 or S3 or S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S3	49	S1 and (turbocharger same (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S6	113	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S5	4854	S1 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S4	1861	S1 and (turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S1	102852	gas turbine or "jet engine" or (locomotive near2 "diesel engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S11	118918	(gas near2 turbine) or (steam near2 turbine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S12	2968	S11 and turbocharger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S13	6536	S11 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S14	148	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S15	0	S14 and (throttle near2 setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S16	0	S14 and (throttle with setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S17	6	S14 and (throttle with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S18	102879	gas turbine or "jet engine" or (locomotive near2 "diesel engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S19	34	S18 and (turbocharger with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S20	49	S18 and (turbocharger same (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S27	150	S14 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S21	1861	S18 and (turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S22	4854	S18 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S23	113	S21 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S24	113	S19 or S20 or S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S25	1	S24 and (throttle with setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S26	6	S24 and (throttle with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S28	6	S27 and (model\$3 with (turbocharger or (turbine near2 stage)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S29	3	S27 and (model\$3 with (blade or (nozzle near2 vane) or vane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S30	13	S27 and (rotation near2 speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S31	29	S27 and (excitation or vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S32	4	S27 and (natural near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S35	0	S27 and (vane near2 vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S36	2	S27 and (fabricat\$3 with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S37	1	S27 and (harmonic with (excitation or vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S33	2	S27 and (vane near2 excitation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S34	3	S27 and (excitation near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S38	4	S27 and (fabricat\$3 with turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S39	13	S27 and (blade with (configuration or material or composition))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S40	14	S27 and (number with (vane or nozzle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S41	2	S27 and (prime near2 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

S42	86	S17 or S19 or S20 or S25 or S26 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S36 c	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S43	7	S42 and (S28 or S29)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S44	6	S42 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S45	13	S42 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S46	29	S42 and (S31 or S32 or S33 or S34 or S37)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S47	2	S42 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S48	4	S42 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S49	2	S42 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S50	26	S42 and (S39 or S40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S51	96313	gas near2 turbine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S52	4971	S51 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S53	64	S52 and (throttle near2 (setting or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S54	20	S52 and (model\$3 with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S55	28	S52 and (model\$3 with (blade or (nozzle near2 vane) or vane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S56	238	S52 and (rotation near2 speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S57	474	S52 and (excitation or vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S59	103	S52 and ((vane or blade) with (vibration or excitation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S58	78	S52 and ((natural or resonan\$2) near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S60	154	S52 and (fabricat\$3 with ((turbine near2 stage) or turbine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S61	6	S52 and (harmonic with (excitation or vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S63	483	S52 and (blade with (configuration or material or composition))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S64	219	S52 and (blade with configuration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S65	312	S52 and (blade with material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S66	41	S52 and (blade with composition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S67	341	S52 and (number with (vane or nozzle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S62	25	S52 and (excitation with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S68	2	S52 and (prime near2 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S69	310	S53 or S54 or S55 or S58 or S59 or S61 or S62 or S66 or S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S70	1377	S56 or S57 or S60 or S64 or S65 or S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S71	210	S69 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S72	310	S69 or S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S80	78	S74 and ((natural or resonan\$2) near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S78	238	S74 and (rotation near2 speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S82	154	S74 and (fabricat\$3 with ((turbine near2 stage) or turbine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S91	1377	S78 or S79 or S82 or S85 or S86 or S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S97	5	S74 and ((rotation near2 speed) with throttle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S98	4	S93 and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S85	219	S74 and (blade with configuration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S94	45	S93 and (S76 or S77)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S81	103	S74 and ((vane or blade) with (vibration or excitation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S79	474	S74 and (excitation or vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S77	28	S74 and (model\$3 with (blade or (nozzle near2 vane) or vane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S75	64	S74 and (throttle near2 (setting or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S73	96313	gas near2 turbine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S84	25	S74 and (excitation with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S86	312	S74 and (blade with material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S87	41	S74 and (blade with composition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

S95	6	S93 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S92	210	S90 and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S83	6	S74 and (harmonic with (excitation or vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S93	310	S90 or S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S76	20	S74 and (model\$3 with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S88	341	S74 and (number with (vane or nozzle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S89	2	S74 and (prime near2 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S74	4971	S73 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S96	2	S93 and S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S90	310	S75 or S76 or S77 or S80 or S81 or S83 or S84 or S87 or S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S99	79	S73 and ((rotation near2 speed) with throttle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S101	3	S93 and ((diesel near2 engine) with turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S102	10	S93 and ((combustion near2 engine) with turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S100	16	S73 and ((rotation near2 speed) with (throttle near2 (position or setting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S103	12	S101 or S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S126	0	turbocharger same (campbell near2 diagram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S115	7	S111 and (natural with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S108	41	S105 or S106 or S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S114	8	S111 and ((excitation or vibration) with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S113	6	S111 and (blade with (excitation or vibration) with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S112	7	S111 and (blade with (excitation or vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S111	227	S109 or S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S110	42	(turbine or turbocharger) with vane with (model or modeled or modeling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S109	194	(turbine or turbocharger) with blade with (model or modeled or modeling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S124	392	S120 and (natural with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S104	1780	diesel engine same turbocharger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S119	67	S104 and ((turbine or turbocharger) with blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S120	38262	(turbine or turbocharger) with blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S107	7	S104 and ((throttle near2 setting) with (turbine or turbocharger) with speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S125	40	S123 and S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S121	1	S119 and (blade with (excitation or vibration) with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S106	29	S104 and ((throttle near2 setting) with speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S117	17	S112 or S113 or S114 or S115 or S116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S116	8	S111 and ((fabricating or fabricate or fabricated or fabrication) with (turbocharger or turbine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S105	41	S104 and (engine with (throttle near2 setting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S122	1	S119 and ((excitation or vibration) with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S118	57	S108 or S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S123	81	S120 and (blade with (excitation or vibration) with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

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Results of search set S91:

Document Kind Codes Title
US 20060184255 A1 Adaptive sensor model
US 20060180420 A1 Vibration dampers

Issue Date Current OR Abstract
20060817 700/44
20060817 188/378

US 20060177314 A1	Turbine rotor blade and turbine	20060810 416/219R
US 20060127221 A1	Turbine moving blade	20060615 416/222
US 20060126902 A1	Surface roughness measuring method and apparatus and turbine deterioration diagnostic me	20060615 382/108
US 20060118215 A1	Precipitation hardened martensitic stainless steel, manufacturing method therefor, and turbine	20060608 148/607
US 20060104818 A1	Blade	20060518 416/232
US 20060096455 A1	APPARATUS AND PROCESS FOR POWER RECOVERY	20060511 95/269
US 20060086090 A1	Vibration limiter for coaxial shafts and compound turbocharger using same	20060427 60/612
US 20060086078 A1	Universal Carnot propulsion systems for turbo rocketry	20060427 60/226.1
US 20060081701 A1	Method and apparatus for verifying connectivity of an instrumentation system	20060420 235/380
US 20060078422 A1	Method for modifying gas turbine nozzle area	20060413 415/191
US 20060067830 A1	Method to restore an airfoil leading edge	20060330 416/229R
US 20060030450 A1	Hybrid vehicle formed by converting a conventional IC engine powered vehicle and method o	20060209 477/3
US 20050274112 A1	Fatigue failure diagnostic method of turbocharger and fatigue failure diagnostic apparatus for	20051215 60/602
US 20050254940 A1	Blade arrangement	20051117 415/170.1
US 20050196278 A1	Turbine blade arrangement	20050908 416/97R
US 20050194363 A1	MULTI-LASER BEAM WELDING HIGH STRENGTH SUPERALLOYS	20050908 219/121.64
US 20050135932 A1	Turbine blade	20050623 416/97R
US 20050126182 A1	Hybrid microturbine for generating electricity	20050616 60/791
US 20050126171 A1	Uncoupled, thermal-compressor, gas-turbine engine	20050616 60/645
US 20050111975 A1	Method for assembling gas turbine engine components	20050526 416/96R
US 20050110991 A1	Methods and apparatus for evaluating rotary machinery	20050526 356/318
US 20050103014 A1	Dual loop exhaust gas recirculation system for diesel engines and method of operation	20050519 60/605.2
US 20050093214 A1	Spring mass damper system for turbine shrouds	20050505 267/136
US 20050084370 A1	Cooled turbine blade	20050421 416/95
US 20050074356 A1	Heat resisting steel, gas turbine using the steel, and components thereof	20050407 420/38
US 20050056313 A1	Method and apparatus for mixing fluids	20050317 137/3
US 20050042384 A1	Method of altering the frequency of blades for thermal fluid-flow machines	20050224 427/446
US 20050026095 A1	Multi-stage combustion using nitrogen-enriched air	20050203 431/2
US 20040225482 A1	Design and evaluation of actively cooled turbine components	20041111 703/2
US 20040219079 A1	Trifluid reactor	20041104 422/194
US 20040216458 A1	Electric motor assisted turbocharger	20041104 60/608
US 20040177618 A1	Methods for operating gas turbine engines	20040916 60/775
US 20040101402 A1	Turbine	20040527 415/160
US 20040093147 A1	Method and system for temperature estimation of gas turbine combustion cans	20040513 701/100
US 20040083731 A1	Uncoupled, thermal-compressor, gas-turbine engine	20040506 60/645
US 20040076540 A1	Welding material, gas turbine blade or nozzle and a method of repairing a gas turbine blade	20040422 420/450
US 20040069069 A1	Probe for measuring parameters of a flowing fluid and/or multiphase mixture	20040415 73/736
US 20040060298 A1	Dynamically uncoupled can combustor	20040401 60/772
US 20040025491 A1	Gas turbine set	20040212 60/39.182
US 20040020206 A1	HEAT ENERGY UTILIZATION SYSTEM	20040205 60/670
US 20030228225 A1	Turbine bucket	20031211 416/235
US 20030215330 A1	Turbines and their components	20031120 415/191
US 20030205042 A1	OVERTHRUST PROTECTION SYSTEM AND METHOD	20031106 60/204
US 20030194320 A1	Method of fabricating a shape memory alloy damped structure	20031016 416/96A
US 20030193331 A1	Method for in-situ eddy current inspection of coated components in turbine engines	20031016 324/240
US 20030156942 A1	Blades having coolant channels lined with a shape memory alloy and an associated fabricatic	20030821 416/96R
US 20030152879 A1	Multi-stage combustion using nitrogen-enriched air	20030814 431/8
US 20030084656 A1	Gas turbine set	20030508 60/39.5

US 20030083827 A1	Methods and systems for performing integrated analyses, such as integrated analyses for gas	20030501 702/34
US 20030082053 A1	Repair of advanced gas turbine blades	20030501 416/224
US 20030065436 A1	Gas turbine and operation method of gas turbine combined electric generating plant, gas tur	20030403 701/100
US 20030039542 A1	Transition piece side sealing element and turbine assembly containing such seal	20030227 415/135
US 20030036865 A1	Methods and systems for managing resources, such as engineering test resources	20030220 702/81
US 20030033813 A1	Cycle gas turbine engine	20030220 60/774
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US 3183667 A	Fuel control system for a gas turbine engine	19670131 60/791
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JP 2002201904 A	NATURAL FREQUENCY ADJUSTING RIB OF TURBINE MOVING BLADE	20020719
US 20050254958 A	Blade for gas turbine engine, has tuning notch defined in root of blade to tune natural frequency	20051117
SU 1130775 A	Determination of friction in turbine blade damper by resonance - using two natural vibration frequencies	19841223
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L18	28	16 and (vibration.CLM.)	US-PGPUB
L19	24	16 and (natural.CLM.)	US-PGPUB
L20	8	16 and (resonant.CLM.)	US-PGPUB
L21	45	17 or 18 or 19 or 20	US-PGPUB

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Results of search set S91:

Document Kind	Codes	Title	Issue Date	Current OR	Abstract
US	20070056282 A1	Diesel engine charge air cooler bypass passage and method	20070315	60/599	
US	20070039589 A1	Emissions sensors for fuel control in engines	20070222	123/352	
US	20060266336 A1	Method and system for controlling fuel injection timing to maintain desired peak cylinder pres:	20061130	123/501	
US	20060219223 A1	Compression-ignition engine configuration for reducing pollutants and method and system thi	20061005	123/501	
US	20060207526 A1	Method and device for operating an internal combustion engine	20060921	123/1R	
US	20060196183 A1	Supercharging assist control system and method	20060907	60/607	
US	20060178800 A1	Diesel engine control	20060810	701/105	

US 20060144364 A1	BAROMETRIC PRESSURE DIESEL TIMING CONTROLLER	20060706 123/380
US 20060137347 A1	Coordinated multivariable control of fuel and air in engines	20060629 60/605.2
US 20060137346 A1	Multivariable control for an engine	20060629 60/605.2
US 20050188695 A1	Engine control device	20050901 60/605.2
US 20050160598 A1	Locomotive diesel engine turbocharger and turbine stage constructed with turbine blade vibra	20050728 29/889.2
US 20050146221 A1	[A VARIABLE FREQUENCY POWER SYSTEM AND METHOD OF USE]	20050707 307/64
US 20050039440 A1	Combustion control apparatus for internal combustion engine	20050224 60/274
US 20050000216 A1	Method and device for regulating the boost pressure of an internal combustion engine	20050106 60/611
US 20040255583 A1	CONTROL SYSTEM FOR A TURBO-CHARGED DIESEL AIRCRAFT ENGINE	20041223 60/611
US 20040250540 A1	Variable blade manufacturing method and variable blade in vgs type turbo charger	20041216 60/602
US 20040163378 A1	Catalyst warm up control for diesel engine	20040826 60/284
US 20040069256 A1	Variable timing device for reciprocating engines, engines comprising same and distribution ai	20040415 123/90.12
US 20040031267 A1	CONTROL SYSTEM FOR A TURBO-CHARGED DIESEL AIRCRAFT ENGINE	20040219 60/601
US 20030140623 A1	Fuel injection control for diesel engine	20030731 60/297
US 20030126857 A1	Exhaust gas purification apparatus and process for internal combustion engine	20030710 60/278
US 20030110760 A1	Excess air factor control of diesel engine	20030619 60/278
US 20030051474 A1	Control of supercharger	20030320 60/602
US 20030014973 A1	IC engine-turbocharger unit for a motor vehicle, in particular an industrial vehicle, with turbine	20030123 60/602
US 20020179072 A1	Fuel injection control device for a diesel engine	20021205 123/698
US 20020175521 A1	Method and apparatus for controlling engine overspeed due to lube oil ingestion	20021128 290/40A
US 20020170546 A1	DIESEL ENGINE CONTROL	20021121 123/568.27
US 20020170291 A1	Control of turbocharger	20021121 60/602
US 20020124832 A1	Excess air factor control device for internal combustion engine	20020912 123/480
US 20020116926 A1	Exhaust gas turbocharger for an internal combustion engine and a corresponding method	20020829 60/611
US 20010032466 A1	Intelligent electric actuator for control of a turbocharger with an integrated exhaust gas recirc	20011025 60/602
US 20070083338 A1	Fundamental mistuning model for determining system properties and predicting vibratory res	20070412 702/56
US 20060147306 A1	VIBRATION REDUCTION SYSTEM FOR A WIND TURBINE	20060706 416/1
US 20060115364 A1	Offshore structure support and foundation for use with a wind turbine and an associated met	20060601 416/244R
US 20060104821 A1	Offshore structure support and foundation for use with a wind turbine and an associated met	20060518 416/244R
US 20060073022 A1	Frequency tailored thickness blade for a turbomachine wheel	20060406 416/223R
US 20060066111 A1	Vibration damping system and method for variable speed wind turbines	20060330 290/44
US 20060029501 A1	Mixed tuned hybrid blade related method	20060209 416/224
US 20060006860 A1	Device for detecting a rotation rate	20060112 324/164
US 20050280549 A1	Proximity sensor	20051222 340/686.6
US 20050278127 A1	Determination of damping in bladed disk systems using the fundamental mistuning model	20051215 702/56
US 20050254958 A1	Natural frequency tuning of gas turbine engine blades	20051117 416/248
US 20050214113 A1	Compressor for an aircraft engine	20050929 415/181
US 20050196268 A1	High modulus metallic component for high vibratory operation	20050908 415/20
US 20050186074 A1	Moving blade and gas turbine using the same	20050825 416/97R
US 20050167596 A1	System and method for multiple mode flexible excitation in sonic infrared imaging	20050804 250/341.6

US 20050160598 A1	Locomotive diesel engine turbocharger and turbine stage constructed with turbine blade vibr	20050728 29/889.2
US 20050129516 A1	Turbine blade frequency tuned pin bank	20050616 416/97R
US 20050126171 A1	Uncoupled, thermal-compressor, gas-turbine engine	20050616 60/645
US 20050096873 A1	METHOD AND SYSTEM FOR DIAGNOSTICS AND PROGNOSTICS OF A MECHANICAL SY	20050505 702/184
US 20050084380 A1	Hollow turbine blade stiffening	20050421 416/233
US 20050056313 A1	Method and apparatus for mixing fluids	20050317 137/3
US 20050047919 A1	METHODS AND APPARATUS FOR REDUCING VIBRATIONS INDUCED TO COMPRESSOR	20050303 416/235
US 20050008492 A1	Blades	20050113 416/229R
US 20040262276 A1	Real time laser shock peening quality assurance by natural frequency analysis	20041230 219/121.85
US 20040243310 A1	Fundamental mistuning model for determining system properties and predicting vibratory res	20041202 702/10
US 20040241003 A1	Turbine blade dimple	20041202 416/236R
US 20040219024 A1	Making turbomachine turbines having blade inserts with resonant frequencies that are adjust	20041104 416/219R
US 20040126235 A1	Method and apparatus for bucket natural frequency tuning	20040701 416/1
US 20040096375 A1	Device for producing a plasma, ionisation method, use of said method and production proces	20040520 422/186.04
US 20040089812 A1	System and method for multiple mode flexible excitation and acoustic chaos in sonic infrared	20040513 250/341.6
US 20040083731 A1	Uncoupled, thermal-compressor, gas-turbine engine	20040506 60/645
US 20040069069 A1	Probe for measuring parameters of a flowing fluid and/or multiphase mixture	20040415 73/736
US 20040060294 A1	Steam engine	20040401 60/670
US 20030230150 A1	Transducer and method for measuring a fluid flowing in a pipe	20031218 73/861.32
US 20030222640 A1	Turbine blade clearance on-line measurement system	20031204 324/207.17
US 20030202883 A1	TURBINE BLADE ASSEMBLY WITH STRANDED WIRE CABLE DAMPERS	20031030 416/248
US 20030194324 A1	Turbine blade assembly with pin dampers	20031016 416/248
US 20030115879 A1	Gas turbine combustor	20030626 60/725
US 20020162394 A1	Analysing vibration of rotating blades	20021107 73/593
US 20020146322 A1	Vibration damping	20021010 416/190
US 20020081206 A1	Turbine bucket natural frequency tuning rib	20020627 416/233
US 20020074102 A1	Method using secondary orientation to tune bucket natural frequency	20020620 164/122.2
US 20020064458 A1	Frequency-mistuned light-weight turbomachinery blade rows for increased flutter stability	20020530 415/208.3
US 20020057969 A1	Steam turbine	20020516 416/238
US 20020017144 A1	Device and method for fatigue testing of materials	20020214 73/808